

**WHAT IS CLAIMED IS:**

1           1.       A method of establishing an interface between a service and an application  
2 comprising:

3           receiving a file by the application from a user system, wherein the file contains  
4           standardized interface data;

5           providing the file to the service;

6           generating a return file by the service, wherein the return file contains standardized  
7           interface data;

8           providing the return file to the application; and

9           providing the return file to the user system.

1           2.       The method of establishing an interface between a service and an application  
2 of claim 1 wherein the return file is presented as a browser interface.

1           3.       The method of establishing an interface between a service and an application  
2 of claim 1 further comprising:

3           generating a dynamic user interface specification by the service;

4           providing the dynamic user interface specification to application;

5           generating a user interface response by the application; and

6           providing the user interface response to the service.

1           4.       The method of establishing an interface between a service and an application  
2 of claim 3 wherein the return file is presented as a browser interface.

1           5.       The method of establishing an interface between a service and an application  
2 of claim 3 wherein the user system determines content of the user interface response.

1           6.       The method of establishing an interface between a service and an application  
2 of claim 5 wherein the return file is presented as a browser interface.

1           7.       The method of establishing an interface between a service and application of  
2 claim 3 wherein the user interface specification and user interface response are written in a  
3 markup language.

1           8.       The method of establishing an interface between a service and application of  
2 claim 4 wherein the user interface specification and user interface response are written in a  
3 markup language.

1           9.       The method of establishing an interface between a service and application of  
2 claim 5 wherein the user interface specification and user interface response are written in a  
3 markup language.

1           10.      The method of establishing an interface between a service and application of  
2 claim 6 wherein the user interface specification and user interface response are written in a  
3 markup language.

1           11.      A system for establishing an interface comprising of:  
2 a user system;  
3 an application that receives a file the user system, wherein the file contains  
4 standardized interface data; and  
5 a service that receives the file and generates a return file containing standardized  
6 interface data, sending the return file to the application and the user system.

1           12.      The system for establishing an interface of claim 11 wherein the return file is  
2 presented as a browser interface.

1           13.      The system for establishing an interface of claim 11 further comprised of:  
2 a dynamic user interface specification generated by the service, wherein the dynamic  
3 user interface specification is provided to the application; and  
4 a user interface response generated by the application; wherein the user interface  
5 response is provided to the service.

1           14.      The system for establishing an interface of claim of claim 13 wherein the  
2 return file is presented as a browser interface.

1           15.      The system for establishing an interface of claim of claim 13 wherein the user  
2 system determines content of the user interface response.

1           16.     The system for establishing an interface of claim of claim 15 wherein the  
2     return file is presented as a browser interface.

1           17.     The system for establishing an interface of claim of claim 13 wherein the user  
2     interface specification and user interface response are written in a markup language.

1           18.     The system for establishing an interface of claim of claim 14 wherein the user  
2     interface specification and user interface response are written in a markup language.

1           19.     The system for establishing an interface of claim of claim 15 wherein the user  
2     interface specification and user interface response are written in a markup language.

1           20.     The system for establishing an interface of claim of claim 16 wherein the user  
2     interface specification and user interface response are written in a markup language.

1           21.     A computer system comprising:  
2     a processor;  
3     a computer;  
4     computer readable medium coupled to the processor; and  
5     computer code encoded in the computer readable medium, configured to cause the processor  
6     to:  
7     receive a file by the application from a user system, wherein the file contains  
8     standardized interface data;  
9     provide the file to the service;  
10    generate a return file by the service, wherein the return file contains standardized  
11    interface data;  
12    provide the return file to the application; and  
13    provide the return file to the user system.

1           22.     The computer system of claim 21 wherein the return file is presented as a  
2     browser interface.

1        23.    The computer system of claim 21 wherein the processor further:  
2        generates a dynamic user interface specification by the service;  
3        provides the dynamic user interface specification to application;  
4        generates a user interface response by the application; and  
5        provides the user interface response to the service.

1        24.    The computer system of claim 20 wherein the configuration file is written in  
2        an extensible markup language.

1        25.    The computer system of claim 23 wherein the user system determines content  
2        of the user interface response.

1        26.    The computer system of 25 wherein the return file is presented as a browser  
2        interface.

1        27.    The computer system of claim 23 wherein the user interface specification and  
2        user interface response are written in a markup language.

1        28.    The computer system of claim 24 wherein the user interface specification and  
2        user interface response are written in a markup language.

1        29.    The computer system of claim 25 wherein the user interface specification and  
2        user interface response are written in a markup language.

1        30.    The computer system of claim 26 wherein the user interface  
2        specification and user interface response are written in a markup language.

1        31.    An apparatus for establishing an interface comprising:  
2        means for receiving a file by the application from a user system, wherein the  
3        file contains standardized interface data;  
4        means for providing the file to the service;  
5        means for generating a return file by the service, wherein the return file  
6        contains standardized interface data;

- 7 means for providing the return file to the application; and  
8 means for providing the return file to the user system.

1 32. The apparatus of claim 31 wherein the return file is presented as a browser  
2 interface.

1 33. The apparatus of claim 31 further comprising:  
2 means for generating a dynamic user interface specification by the service;  
3 means for providing the dynamic user interface specification to application;  
4 means for generating a user interface response by the application; and  
5 means for providing the user interface response to the service.

1 34. The apparatus of claim 33 wherein the return file is presented as a browser  
2 interface.

1 35. The apparatus of claim 33 wherein the user system determines content of the  
2 user interface response.

1 36. The apparatus of claim 35 wherein the return file is presented as a browser  
2 interface.

1 37. The apparatus of claim 33 wherein the user interface specification and user  
2 interface response are written in a markup language.

1 38. The apparatus of claim 34 wherein the user interface specification and user  
2 interface response are written in a markup language.

1 39. The apparatus of claim 35 wherein the user interface specification and user  
2 interface response are written in a markup language.

1 40. The apparatus of claim 36 wherein the user interface specification and user  
2 interface response are written in a markup language.

1           41.     A computer program product encoded in computer readable media, the  
2 computer program product comprising:  
3           a first set of instructions, executable on a computer system, configured to receive a  
4           file by the application from a user system, wherein the file contains  
5           standardized interface data;  
6           a second set of instructions, executable on a computer system, configured to provide  
7           the file to the service;  
8           a third set of instructions, executable on a computer system, configured to generate a  
9           return file by the service, wherein the return file contains standardized  
10          interface data;  
11          a fourth set of instructions, executable on a computer system, configured to provide  
12          the return file to the application; and  
13          a fifth set of instructions, executable on a computer system, configured to provide the  
14          return file to the user system.

1           42.     The computer program product of claim 41 wherein the return file is presented  
2 as a browser interface.

1           43.     The computer program product of claim 41 further comprising:  
2           a fifth set of instructions, executable on a computer system, configured to generate a  
3           dynamic user interface specification by the service;  
4           a sixth set of instructions, executable on a computer system, configure to provide the  
5           dynamic user interface specification to application;  
6           a seventh set of instructions, executable on a computer system, configure to generate a  
7           user interface response by the application; and  
8           an eighth set of instructions, executable on a computer system, configure to provide  
9           the user interface response to the service.

1           44.     The computer program product of claim 40 wherein the configuration file is  
2 written in an extensible markup language.

1           45.    The computer program product of claim 43 wherein the user system  
2 determines content of the user interface response.

1           46.    The computer program product of claim 45 wherein the return file is presented  
2 as a browser interface.

1           47.    The computer program product of claim 43 wherein the user interface  
2 specification and user interface response are written in a markup language.

1           48.    The computer program product of claim 44 wherein the user interface  
2 specification and user interface response are written in a markup language.

1           49.    The computer program product of claim 45 wherein the user interface  
2 specification and user interface response are written in a markup language.

1           50.    The computer program product of claim 46 wherein the user interface  
2 specification and user interface response are written in a markup language.